

SZYMANIK-KOPERSKA, Krystyna (Warszawa)

Tapeworms in Anatidae in the lake Goldan two. Wiadomosci
parazyt., Warsz. 2 no.5 Suppl:205-206.1956..

1. Zaklad Parazytologii UW.
(BIRDS, diseases,
Anatidae tapeworm infect. (Pol))
(TAPEWORM INFECTIONS, epidemiology,
in Anatidae (Pol))

SZYMANKIEWICZ, E.

In defense of a conscientious driver. p. 138.

MOTORYZACJA. Warszawa. Vol. 10, no. 5, May 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

SZYMANIEWICZ, EDMUND.

Poradnik posiadacza i kierowcy pojazdu mechanicznego. (Wyd. 1.) Warszawa, Wydawn.
Komunikacyjne, 1957. 170 p. (Handbook for the owner and driver of a motor vehicle.
1st ed. forms, tables.)

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

SZYMANKIEWICZ, Halina

Hygroscopic balance of chipboards. Przem drzew 13 no.2:6-8 '52.

L 18808-63

EPA/EPF(c)/EWA(1)/EWT(m)/BDS

AEDC/AFFTC/ASD/APGC/RPL

Paa-4/Pr-4/Px-4 WW/JW

ACCESSION NR: AP3005963

P/0044/63/000/008/0022/0026

AUTHOR: Szymankiewicz, J., (Capt., engineer)

73

TITLE: Effect of rocket firing on the operation of turbojet engine, 23

SOURCE: Wojskowy przeglad lotniczy, no. 8, 1963, 22-26

TOPIC TAGS: turbojet engine, rocket firing, fuel feed, reverse engine start, gas temperature, firing altitude

ABSTRACT: In order to obtain high thrust in a turbojet engine it is necessary to use multistage axial compressors with a high output G kg per sec and high compression with rocket firing, however, this may cause engine disturbances because the flow of combustion and explosion gases affects the engine dynamically, thermally and chemically. The temperature increase causes a drop in the total compression of the compressor which in turn causes a reduction in axial velocity at the first compression stages and an increase in the angle of incidence on the blades of these stages. This causes an automatic drop in the engine rotational velocity, and an increase in the fuel feed to the combustion chamber.

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ACCESSION NR: AP3005963

Moreover, rocket firing causes in a chamber a reduction in oxygen content from 21% to 15-18% which results in a rapid deterioration of the combustion process. In order to counteract this during rocket firing it is not enough to select the optimum places of armament location as its being done in fighter aircraft. There are two generally used methods: 1) a system permitting a sudden short-time lowering of the amount of fuel fed to the combustion chamber, and 2) a system of total interruption of fuel feed with an automatic reverse engine start. When the first method is used, the temperature of combustion gases ahead of the turbine is lowered and the operating point on the compressor characteristic is moved from the region which is on the border of nonstable operation toward small compression values. This is shown on Figure 2 of Enclosure 1. The operation of the combustion chamber and the reheater also becomes more stable. This method, however, can not be used without limitations. It is because at fights close to the ceiling of the aircraft the required fuel expenditures become smaller, reaching the minimum values at which normal operation of the engine is possible. This is shown on Figure 3 of Enclosure 2. The second method is known as the reverse starting method. It is often used when firing at altitudes greater than the aircraft ceiling. This system

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ACCESSION NR: AP3005963

requires that there be: a transmitter for connecting into the circuit the arrangement for interruption and start; a starting pump for regulating fuel expenditure according to air pressure at entrance to combustion chamber; an arrangement to feed oxygen into starter igniters; an electrical ignition circuit giving an assurance that the fuel mixture will ignite at high air pressures and high rotational speeds. This method restores the output range in 10-12 sec. without pilot's interference. There are other methods counter-acting the effect of rocket firing. Orig. art. has 3 figures and 2 formulas.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 26 Aug63

ENCL: 02

SUB CODE: AE, PR

NO REF SOV: 000

OTHER: 000

Card 3/63

SZYMANIEWICZ, Z., GUNTHER, M.

"Quantum physics. p. 210." (FIZYKA I CHEMIA), Vol. 6, no. 4, July/Aug. 1953, Warszawa, Poland

So: Monthly List of East European Accessions L. C. Vol. 2, No. 11, Nov. 1953, Uncl.

SA/1111-1111(1) 11
MALACHOWSKA, I.; SOKOLOWSKA, A.; SZYMANOWSKA, H.

Method of therapy of infant diarrheas with associated aureo-
mycin and antistine and effect of the therapy on bacterial flora.
Med. dosw. mikrob. 5 no.3:374-375 1953. (CLML 25:5)

1. Warsaw.

SZYMANOWSKI, Z.
Surname (in caps); Given Names
Country: Poland
Academic Degrees: [not given]
Affiliation: Biochemistry Department of the Hematology Institute (Zaklad Biochemii
Instytut Hematologii), Warsaw
Source: Warsaw, Przegląd Lekarski, No 5, 1961, pp 193-194.
Data: "Electrophoretic Determination of Foetal Hemoglobin"
Co-authors:
MURAWSKI, K, Biochemistry Department of the Hematology Institute, Warsaw
ZAKRZEWSKI, K, Biochemistry Department of the Hematology Institute, Warsaw

SZYMANOWSKA, Z.; MURAWSKI, K.

Electrophoretic separation of α A and β B chains of human haemoglobin.
Postepy biochem. 8 no.4:579-580 '62.

1. Z Zakladu Biochemii Instytutu Hematologii w Warszawie.
(HEMOGLOBIN)

SZYMANOWSKA, Zofia; POSZWINSKI, P.; MURAWSKI, K.; ZAKREWSKI, K.

Human serum albumins in starch-gel electrophoresis. Acta biochim.
polon. 9 no.2:183-188 '62.

1. Department of Biochemistry and the Blood Derivatives Division,
Institute of Haematology, Warszawa.
(SERUM ALBUMIN chem) (ELECTROPHORESIS)

SZYMANOWSKA, Zofia

Infrared spectrophotometric determination of M-inositol. Acta physiol.
Pol. 13 no.1:205-215 '62.

1. Z Zakladu Chemii Fizjologicznej AM w Warszawie Kierownik: prof.
dr J. Heller Z Zakladu Fizyki Ogolnej "A" Politechniki w Warszawie
Kierownik: prof. dr W. Szymanowski.

(INOSITOL chem) (SPECTROPHOTOMETRY)
(INFRARED RAYS)

MURAWSKI, Krzysztof; WALD, Ignacy; SZYMANOWSKA, Zofia

Serum haptoglobins in hepatolenticular degeneration. Pol. arch. med. wewnet. 32 no.8:965-969 '62.

1. Z Instytutu Hematologii w Warszawie Dyrektor: doc. dr med.
A. Trojanowski z Instytutu Psychoneurologicznego w Pruszkowie
Dyrektor: prof. dr med. Z.W. Kuligowski.
(HEPATOLENTICULAR DEGENERATION) (HAPTOGLOBINS)

CENDROWSKI, Wojciech; MURAWSKI, Krzysztof; SZYMANOWSKA, Zofia

Haptoglobins and blood groups in familial multiple sclerosis.
Neurol. neurochir. psychiat. pol. 13 no.2:183-188 '63.

1. Z Oddziału Neurologicznego Instytutu Psychoneurologicznego
w Pruszkowie Dyrektor: prof. dr med. Z.W. Kuligowski i z
Zakładu Biochemii Instytutu Hematologii w Warszawie Dyrektor:
doc. dr med. A. Trojanowski.

(HAPTOGLOBINS) (BLOOD GROUPS) (RH FACTORS)
(MULTIPLE SCLEROSIS) (GENETICS, HUMAN)

POLAND

SITKOWSKI, M., PICKER, L. and SIEMANOWSKI, J.; Radiological Laboratory, City Hospital No 5 (Z Pracowni Radiologicznej Szpitala Miejskiego Nr 5); The Gastrological Clinic (Z Kliniki Gastrologicznej); The Second Surgical Clinic, Department of Training of Physicians (Z II Kliniki Chirurgicznej Studium Doskonalenia Lekarzy) (Warsaw).

"Successful X-ray Treatment in Ulcerative Colitis. Report of Three Cases."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 52, 24 Dec 62, pp 2040-2043

Abstract: / Authors' English summary modified / In the 3 severe cases of ulcerative colitis the irradiation of the abdomen was started after all

the therapeutic possibilities had failed. One of the patients (a female, N.2) was after left-side hemicolectomy; however, persistent diarrhea with large amount of blood-stained mucous-purulent excreta was observed. The X-ray treatment was successful in all three cases. A series of 12 irradiations to be performed twice a week (25r measured in air on the whole abdominal cavity at a distance of 90cm, the filter 0.5 Cu and 1.0 Al, the voltage 180 Kv), constitutes the suggested treatment. Six weeks after the series is finished 4-6 additional sessions should be performed at weekly intervals. The chest, spleen and in men the testicles were protected.

The article contains four photographs and one reference.

1/1

P/035/60/000/023/003/006
A076/A026

AUTHORS: Szymanowski, Mieczysław, Master of Engineering ; Wolny, Marian,
Engineer

TITLE: Pitting on Nitrided Sliding Surfaces of Cylinder Bushings in Internal
Combustion Engines

PERIODICAL: Przegląd Mechaniczny, 1960, No. 23, pp. 698 - 700

TEXT: The article describes tests made in order to determine the cause of
pit formation on nitrided sliding surfaces of cylinder bushings made of steel type
38 HMJ. A great number of pits, some of them 1.0 mm/diameter, was noted on sliding
surfaces of cylinder bushings. These bushings are produced by forging and after
machining and hardening, were nitrided in two stages to a depth of 0.55 to 0.85 mm,
according to following specifications: first stage - temperature $510 \pm 10^\circ\text{C}$, hard-
ening time 20 hours, ammonia dissociation 20 to 35%; second stage - temperature
 $540 \pm 10^\circ\text{C}$, hardening time 35 to 50 hours, ammonia dissociation 40 to 55%. Pit
formation was noted after the polishing depth of 0.15 mm was reached. The hardness
of the nitrided surface was 800 - 850 HV and after polishing 700 - 630 HV. Core
hardness ranged from 32 - 37 HRC. A number of nitrogen hardening tests were made
under variable conditions and no pitting was noted if the following parameters were
Card 1/2

✓

P/035/60/000/023/003/006
A076/A026

Pitting on Nitrided Sliding Surfaces of Cylinder Bushings in Internal Combustion Engines

applied. Two-stage nitrogen hardening: for the first stage temperature should be $510 \pm 5^{\circ}\text{C}$, hardening time 25 hours, ammonia dissociation 20 - 30%, for second-stage: temperature $525 \pm 5^{\circ}\text{C}$, hardening time 50 - 60 hours, ammonia dissociation 25 - 40%. In case where single-stage hardening is necessary the following parameters should be adhered to: temperature $515 \pm 5^{\circ}\text{C}$, hardening time 75 - 85 hours, ammonia dissociation 25 - 40%. In both cases ammonia pressure was 50 ± 10 mm of water head. Ammonia was cooled off with silica gel and hardness of nitrided surface was 940 - 980 HV. In their conclusion the authors point out: pit formation arises due to crumbling of grain during the polishing process; micro-cracks appear where nitrogen grids are formed; the cause of nitrogen-grid formation is a much too high hardening temperature, i.e. $540 - 550^{\circ}\text{C}$. There are 6 photographs, 1 table, 1 figure and 2 references: 1 Polish and 1 Soviet.

ASSOCIATION: WSK, Kalisz (WSK, Kalisz)

Card 2/2

SZYMANOWSKI, TADEUSZ.

Drzewa ozdobne. (Wyd. 1. Warszawa) Arkady, 1957. 537 p. (Decorative trees. 1st ed. chiefly illus., bibl., index)

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

CA

3

THE INFLUENCE OF THE POTASSIUM IODIDE CONCENTRATION ON THE TIME OF DECAY OF THE URANINE FLUORESCENT RADIATION.

W. Szymanski. *Bull. intern. acad. polonaise, Classe sci. math. ser. 1935A*, 34-7. The time of decay of the uranine fluorescent radiation increases approx. linearly with the concn. of KI. The variation with the KI concn. of the reciprocal of the fluorescence efficiency is explained satisfactorily by taking into account the probability that no quenching mol. is present at the beginning of excitation within a certain "sphere of action" of the excited mol.

Morris Muskat

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

CA

3

Thermal rotations of fluorescent molecules and duration of luminescence. A. Jablonski and W. Szymanski. *Nature* 135, 862(1935).--The duration of luminescence of dye mols. in H₂O and in EtOH soln. is greater than in glycerol soln. This is contrary to theoretical expectations, and is explained as being the effect of thermal rotations of the dye mols. C. M. P.

ASB SLA METALLURGICAL LITERATURE CLASSIFICATION

POLAND/Optics - Spectroscopy

K-7

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 6816

Author : Szymanowski W., Wisniewski R., Golebiowski R., Olszewska I.
Inst : Warsaw Technical University, Poland
Title : Application of Pressed Powder Methods to the Investigations
of Infrared Absorption Spectra of Solids

Orig Pub : Bull. Acad. polon. sci. Ser. sci. mat., astron. et phys.,
1958, 6, No 3, 223-231, XVII

Abstract : The applicability of the method of pressed powders to various inorganic and organic solid bodies is considered. From the infrared spectra of many specimens, pressed in a vacuum apparatus constructed by the authors, the following is shown: 1. Samples of barium titanate, which exhibits strong ferroelectric properties prior to pulverization, and samples of barium titanate obtained in powder form, have the same absorption spectra with bands at 545 and approximately 420 cm^{-1} . 2. Polystyrol, pressed with potassium bromide, has essentially the same absorption spectrum in the infrared

Card : 1/2

SOKOLOWSKI, M.; SZYMANOWSKI, W.

Electrophotography on macromolecular substances. Bul Ac Pol mat 8
no.3:191-194 '60. (KRAI 9:11)

1. Physical Laboratory A, Technical University, Warsaw. Presented
by W.Rubinowicz.

(Xerography)

(Macromolecular compounds)

(Photoconductivity)

9
with following

CZUCHAJOWSKI, L.
SURNAME (in caps); Given Name

Country: Poland

Academic Degrees: Not stated

Affiliation: See below

Source: Warsaw, Bulletin de l'Académie Polonaise des Sciences, Série des Sciences Mathématiques, Astronomiques et Physiques, Vol 9, No 2, Feb 61, pp 107-111.

Data: "Infrared Absorption Spectra of Polish Coals by the Pressed Powder Method."

Co-authors: (Academic degrees not stated)
 LASON, M.
 SZYMANOWSKI, W.
 KUJAWSKI, A.
 OLSZEWSKA, I.
 GÓRALCZYK, A.

1/2

CZUCHAJOWSKI - continued

Country: Poland

Academic Degrees: The following affiliations are given for the author and five co-authors, with no indication to whom these affiliations belong:

Data: Department of Geofluid Physics "A", Technical University, Warsaw (Katedra Fizyki Ogólnej, "A", Politechnika Warszawska)
 Department of Mining Chemistry, School of Mining and Metallurgy, Cracow (Katedra Chemii Górniczej, Akademia Górniczo-Hutnicza, Kraków)
 Department of Mechanics of Rock Masses, Polish Academy of Sciences (Zakład Mechaniki Górotworu, PAN - Polska Akademia Nauk)

[illegible]

SZYMANOWSKI, Z.

Biology of *Mycobacterium tuberculosis*. Postępy. hig. med. doświadcz.,
Warsz. 5:29-44 1952. (CML 23:2)

SZYMANSK, Jan

The results of chordectomy and hemilaryngectomy in cancer of the larynx. Otolaryng. pol. 16 no.4:585-588 '62.

1. Z Kliniki Chorob Uszu, Nosa i Krtani AM w Warszawie Kierownik:
prof. dr J. Szymanski.

(LARYNGEAL NEOPLASMS)

SZYMAŃSKA, A.

✓ Chromatography of alkaloids on filter paper. Z. Marjański, A. Szymańska, and I. Wasilewska (Inst. Leków, Warsaw). *Ata Polon. Pharm.* 12, 85-84 (1955).—Filter-paper chromatography was used to detect and classify alkaloids in compounded medicines (5-100 γ). Use was made of Whatman filter papers Nos. 1, 40, or 41, a soln. A (25 BuOH:5 AcOH:12 H₂O), soln. B (50 BuOH:10 HCl:19 H₂O), and a modified Dragendorff soln. for the development of the alkaloid on the paper. The D. soln. consisted of Bi nitrate 0.85 g., AcOH 10 ml., H₂O 40 ml. mixed with KI 8 g., and H₂O 20 ml.; 10 ml. of this soln. was then dild. with 5 ml. AcOH and 25 ml. H₂O. The resulting *R_f* values of the ascending chromatograms were found to be in soln. A: morphine 0.53-0.57, diionine 0.70-0.72, papaverine 0.87, heroine 0.77, cotarnine 0.70, narcotine 0.83, codeine 0.84-0.68, eucodal 0.57; in soln. B: morphine 0.62-0.67, diionine 0.83-0.87, heroine 0.77-0.84, papaverine 0.87-0.95, narcotine 0.84-0.83, dicodide 0.71-0.77, codeine 0.72-0.75, cotarnine 0.71, eucodal 0.68, paracodine 0.71. 35 references. L. J. Piotrowski

MA R

(2)

SZYMANSKA, Alina; GAWECKA, Irena; REWERSKI, Wojciech

Studies on the suitability of polyvinyl alcohol for wound dressing purposes. Acta pol. pharm. 19 no.4:363-368 '62.

1. Z Instytutu Lekow w Warszawie Dyrektor: prof. dr P. Kubikowski
Z Zakladu Farmakologii Akademii Medycznej w Warszawie Kierownik:
prof. dr. Kubikowski.

(POLYVINYL)

(BANDAGES)

(WOUNDS AND INJURIES)

SZYMANSKA, Alina; KIRKOR, Danuta; ZALEWSKI, Witold

Criteria for the evaluation of the breaking resistance of Polish-made catgut. Acta pol. pharm. 19 no.5:409-415 '62.

1. Z Instytutu Lekow w Warszawie Dyrektor: prof. dr P. Kubikowski.
(SUTURES)

SZYMANSKA, Alina; ZALFWSKI, Witold; KIRKOR, Danuta; CHIMIAK, Wladyslaw

Studies on wound dressing adhesives. Acta Pol. pharm. 21
no.1:99-104 '64.

1. Z Samodzielnej Pracowni Materialoznawstwa Medycznego Instytutu
Lekow w Warszawie (Kierownik: mgr inż. A. Szymanska).

- 2/3 —

SZYMANSKA, Danuta

Studies on the possibilities of obtaining molybdenum and uranium from carbonaceous uranium ore. Wskleonika 9 no.9: 762-764 1961.

1. Department of Chemical Technology, Institute of Nuclear Research Polish Academy of Sciences, Warsaw.

SZYMANSKA D. I.

CHOJECKI Z. and SZYMANSKA D. I. Klin. Chor. Wewn. Akad. med. z. Zakl. Anat. pat., Akad. med., Warszawa. *Przypadek siatkowiakomiesaka w przebiegu przewlekłej białaczki szpikowej. Reticulosarcoma in the course of chronic myelogenous leukaemia POLSK. TYG. LEX. 1953, 8/37-39 (1263-1265) Illus. 5

A woman of 27 had been treated for the last 3 yr. with nitrogen-mustard, urethan, splenectomy and X-ray, as typical myelogenous leukaemia was diagnosed. In the course of the last remission there suddenly appeared tumours in various places and monocytoid cells in the peripheral blood (to 84%). The white blood count rose to 394,000 per cu. mm. Reticulosarcoma was diagnosed by biopsy and confirmed at the post-mortem examination.

Gibinsky - Bytom (VI, 5, 16)

SO: EXCERPTA MEDICA, VOL. 8 No. 6, Section VI, June 1954

52 YMAN'S H H 114107

ZGLICZYNSKI, Szczesny Leszek; SZYMANSKA, Danuta

Experimental comparative studies on clinical value and on effects on internal organs of domestic and foreign contrast media used in roentgenodiagnosis. Postepy radiol. Vol.1:125-141 1954.

1. Z Instytutu Doskonalenia i Specjalizacji Kard Lekarskich.
Dyrektor; prof. dr. med. M.Kacprzak Z Zakladu Radiologii. Lekarskiej
A.M. w Warszawie. Kierownik: prof. dr. med. W. Zawadowski. i z
Zakladu Anatomii patologicznej A.M.w Warszawie. Kierownik: prof. dr.
med. L. Paszkiewicz.

(CONTRAST MEDIA

comparison of Polish & foreign prod.)

ORLOWSKA, Krystyna; KRAWOWSKA, Ludwika; SZYMANSKA, Danuta

Case of reticulosarcoma. Polski tygod. lek. 10 no.3:84-87 17 Jan 55.

1. Z III Kliniki Chorob Wewnętrznych AMW; kierownik: prof. dr J. Negierko i z Zakładu Anatomii Patologicznej AMW; kierownik: prof. dr L. Paszkiewicz.

(SARCOMA, RETICULUM CELL,
disseminated, case report)

BIELECKI, Antoni; SZYMANSKA, Danuta

Primary cancer of the Bartholin's gland. Gin. polska 27 no.3:
285-290 May-June 56.

1. Z Kliniki Poloznictwa i Chorob Kobietych Instytutu Maki i
Dziecka w Warszawie Dyrektor: prof. dr. Fr. Groer, Kierownik
Kliniki: doc. dr. J. Lesinski i z Zakladu Anatomii Patologicznej
A.M. w Warszawie Kierownik: prof. dr. L. Paszkiewicz,
Warszawa, ul. Olesinska 7.

(BARTHOLIN'S GLANDS, neoplasms,
case report (Pol))

EX LIBRIS MEDICA Sec 2 Vol 13/8 Pediatrics Aug. 59

1966. PNEUMONIA IN CHILDREN UP TO 3 YR. OF AGE. MORBID ANATOMIC-
AL STUDY - Zapalenie płuc u dzieci do lat 3. Studium anatomopatologiczne -
Szymańska D. Zakł. Anat. Patol. AM, Warszawa - ROZPR. WYDZ.
NAUK MED. POL. AKAD. NAUK. 1958, 3/2 (5-34) Graphs 1 Tables 5 Illus. 31

A study was made of 136 cases of pneumonia in newborns and young children in whom post-mortem examinations were carried out in the period 1950-1951 at the Morbid Anatomical Institute of the Warsaw School of Medicine. The ages of the children ranged between a few days and 3 yr. The conclusion is reached that the pneumonias of children in this period of life manifest themselves in the first place by interstitial alterations, irrespective of the aetiology of the disease. This also applies to multifocal pneumonias confirmed clinically and radiologically. It is not correct to consider the interstitial pneumonia in newborns and in young children separately, for it is an inevitable stage in all forms of pneumonia attacking children of this age. The pneumonia generally affects both lungs and is accompanied by lesions in other organs.

Karlńska - Warsaw (V, 7)

MASSALSKI, Wandalin; MIGDALSKA, Barbara; ODRZYWOLSKA, Anna; DABROWSKA,
Haline; SZYMANSKA, Danuta

Effect of hydrazide of aspartic and glutamic acids on tubercle
bacilli. II. Effect of aspartic acid hydrazide on tubercle bacilli
in vitro and in vivo. Gruzlica 27 no.5:375-381 My '59.

1. Z Zakladu Chorob Wewnetrznych S.D.L. A.M. Dyrektor: prof.dr
W. Hartwig i z Pracowni Biochemii Pratkan, Zakladu Syntezy Lekow i
Zakladu Anatomii Patologicznej Instytutu Gruzielcy. Dyrektor: prof.
dr J. Misiewicz [deceased].

(MYCOBACTERIUM TUBERCULOSIS pharmacol.)

(ASPARTIC ACID rel.opds.)

(HYDRAZIMES pharmacol.)

RAFALOWICZ, Adam; MIGDAJSKA, Barbara; MULLER, Jerzy; SOLDAJ, Hermenegilda;
SZYMANSKA, Danuta; WASNIEWSKA, Maria; WOLANSKA, Aniela

On diagnostic possibility of the "active" phase of rheumatic disease in the light of clinical, biochemical and histopathological studies. Report I. Behavior of aldolase, transaminase and of certain other laboratory and clinical indices in patients subjected to surgical interventions on the bicuspid valve. Polski tygod.lek.15 no. 10:329-342 7 Mr '60.

1. Z Oddzialu Chorob Wewnetrznych Instytutu Gruzlicy; ordynator: prof.dr.med. Walenty Hartwig, z Oddzialu Chirurgicznego Instytutu Gruzlicy; ordynator: prof.dr.med. L. Manteuffel i z Zakladu Anatomii Patologicznej Instytutu Gruzlicy; kierownik: prof.dr.med. S. Chodkowska.

(MITRAL VALVE surg.)
(ALDOLASE blood)
(TRANSAMINASES blood)
(C-REACTIVE PROTEIN)
(ANTISTREPTOLYSIN blood)

SZYMANSKA, Danuta; RAFALOWICZ, Adam; MIGDAJSKA, Barbara; MULLER, Jerzy;
SOLDAJ, Hermenegild; WASNIEWSKA, Maria; WOLANSKA, Aniela

Comparison of the results of biopsy of the left auricle with clinical and laboratory data, with special consideration of the behavior of serum enzymatic activity. Part I. Histopathological lesions in samples from the left heart auricle collected during commissurotomy. Polskie arch.med.wewn. 30 no.3:403-410 '60.

1. Z Oddzialu Patologii Instytutu Gruzlicy. Kierownik: prof.dr med. S. Chodkowska. Z Oddzialu Wewn.Instytutu Gruzlicy. Kierownik: prof.dr med. W. Hartwig i z Oddzialu Chirurgii Instytutu Gruzlicy Kierownik: prof.dr med. L. Manteuffel.
(MITRAL STENOSIS pathol.)
(ENZYMES blood)

RAFALOWICZ, Adam; SZYMANSKA, Danuta; MIGDAŁSKA, Barbara; MULLER, Jerzy;
SOLDAJ, Hermenegilda; WASNIEWSKA, Maria; WOLANSKA, Aniela

Comparison of the results of biopsy of the left auricle with clinical and laboratory data, with special consideration of the behavior of serum enzymatic activity. Part II. An attempt at evaluation of diagnostic possibilities concerning the active phase of rheumatic disease in the light of clinical, biochemical and histological investigations. Polskie arch.med.wewn. 30 no.3:411-422 '60.

1, Z Oddziału Chorob Wewnętrznych Instytutu Gruzlicy. Ordynator: prof.dr med. W. Hartwig. Z Zakładu Anatomii Patologicznej Instytutu Gruzlicy. Kierownik: prof.dr med. S. Chodkowska i z Oddziału Chirurgicznego Instytutu Gruzlicy. Ordynator: prof.dr med. L. Manteuffel.

(RHEUMATIC HEART DISEASE diag.)
(MITRAL STENOSIS pathol.)

HARTWIG, Walenty; RUDOWSKI, Witold; SZYMANSKA, Danuta

Sjogren's syndrome with paraproteinemia. Polski tygod. lek. 16
no.47:1820-1825 20 N '61.

1. Z I Kliniki Chorob'Wewnetrznych Studium Doskonalenia Lekarzy,
z Instytutu Onkologii w Warszawie i z Zakladu Patologii Instytutu
Gruzlicy w Warszawie.

(SJOGREN'S SYNDROME blood) (BLOOD PROTEINS)

MASSALSKI, Wandalin; MIGDALSKA, Barbara; ODRZYWOLSKA, Anna; SZYMANSKA, Danuta;
URBANSKA-DABROWSKA, Halina.

Effect of hydrazides of aspartic and glutamic acids on tubercle bacilli.
III. Effect of aspartic acid hydrazide on the course of experimental
tuberculosis in guinea pigs and its comparison with the effect of
isonicotinic acid hydrazide. Gruzlica 29 no.2:121-124 F '61.

(ASPARTIC ACID rel cpds) (ISONIAZID pharmacol)
(TUBERCULOSIS exper)

WASNIEWSKA, Maria; RAFALOWICZ, Adam; MULLER, Jerzy; SZYMANSKA, Danuta;
WOLANSKA, Aniela

Active rheumatism and results after commissurotomy. Polskie arch.
med. wewn. 31 no.4:495-501 '61.

1. Z Oddzialu Chirurgicznego Instytutu Gruzlicy Ordynator: prof.
dr med. L. Manteuffel, z Oddzialu Chorob Wewnetrznych Instytutu
Gruzlicy Ordynator: prof. dr med. W. Hartwig i z Zakladu Anatomii
Patologicznej Instytutu Gruzlicy Kierownik: prof. dr med.
S. Chodkowska.

(MITRAL STENOSIS surg)

OKWALIBOG, Barbara; SERAFIN, Roman; SZYMANSKA, Danuta; ZYCH, Dobieslaw

On cases of intrapulmonary sequestration syndrome. Gruzlica
31 no.4:247-252 '63.

1. Instytut Gruźlicy Z oddziału II Kierownik: prof. dr med.
W. Jaroszewicz Z oddziału IX Kierownik: doc. dr med. J. Madey
Z Zakładu Patologii Kierownik: prof. dr med. S. Chodkowska
Dyrektor: prof. dr med. W. Jaroszewicz.
(LUNG DISEASES) (ABNORMALITIES)
(PNEUMONECTOMY)

NIEMIROWSKA, Hanna; SZYMANSKA, Danuta

Diagnostic difficulties in a case of pulmonary sarcoidosis.
Gruzlica 31 no.5:437-442 '63.

1. Z Instytutu Gruzlicy Dyrektor: prof. dr med. W. Jaroszewicz
Oddzial I Kierownik: doc. dr P. Krakowka Oddzial Patologii
Kierownik: prof. dr S. Chodkowska.

(TUBERCULOSIS, PULMONARY)
(DIAGNOSTIC, DIFFERENTIAL)
(SARCOIDOSIS) (LUNG DISEASES)

ARASZKIEWICZ, Zuzanna; PAWLICKA, Lilia; SZYMANSKA, Danuta;
DYDYK, Ludomira

A case of hypertrophic tuberculosis of the cecum. Gruzlica 31
no.7:823-826 '63.

1. Z Oddziału Wewnętrznego Instytutu Gruzlicy Kierownik: prof.
dr med. B. Jochweds Z Pracowni Radiologicznej Instytutu
Gruzlicy Kierownik: prof. dr med. K. Ossowska Z Pracowni
Anatomo-patologicznej Instytutu Gruzlicy Kierownik: prof. dr
med. S. Chodkowska Z Oddziału Chirurgicznego Instytutu
Gruzlicy Kierownik: prof. dr med. L. Manteuffel Dyrektor:
prof. dr med. W. Jaroszewicz.
(CECAL DISEASES) (TUBERCULOSIS, GASTROINTESTINAL)
(HYPERTROPHY AND HYPERPLASIA) (DIAGNOSIS, DIFFERENTIAL)

L 41974-65 EMT(m)/EPF(n)-2/EMP(t)/EMP(b) PE-4 IJP(6) JJD/WW/JG
ACCESSION NR: AP5012529 PO/0046/64/009/009/0762/0764

AUTHOR: Szymanska, Danuta

TITLE: Feasibility study of molybdenum and uranium extraction from carbonized uranium ore

SOURCE: Nukleonika, v. 9, no. 9, 1964, 762-764

TOPIC TAGS: molybdenum, uranium, pickling, chemical separation, metal extracting

ABSTRACT: This laboratory communication reports on the use of the pickling technique for extracting molybdenum and uranium from carbonized uranium ore. Two sets of experiments were performed. The first set was aimed at establishing the optimum conditions for the pickling process. The second set was aimed at establishing the optimum conditions for the extraction process.

domestic uranium ore. It was possible to establish opti-

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L 41974-65

ACCESSION NR: AP5012529

min quantities of pickling and oxidizing agent, temperature and pickling time for the most efficient processing of the ore deposit.

Orig. art. has: 1 graph and 2 tables.

ASSOCIATION: Zaklad Technologii Chemicznej, Instytut Badan Jadrowych, Warsaw
(Department of Chemical Technology, Institute of Nuclear Research)

EXEMPTED: 1-000000

EXEMPTED: 1-000000

SUB CODE: MM, GC

NO REF SOV: 001

OTHER: 003

JPRS

Card 2/2

CHWALIFOG, Barbara; PAKLERSKA-POBRATYN, Hanna; SZYMANSKA, Danuta; KULEJEWSKA, Magdalena

Possible sterilization of tuberculous pulmonary lesions with the aid of antitubercular drugs. Gruzlica 32 no.7:473-482 Je '64.

1. Z Oddzialu IC (Kierownik: doc. dr J. Madey) ; Z Oddzialu VIII (Kierownik: doc. dr J. Nowicki); Z Zakladu Mikrobiologii (Kierownik: doc. dr M. Duraczewska) i Z Zakladu Patologii (Kierownik: prof. dr S. Chodkowska), Instytutu Gruzielicy

NIECZAJEW, Andrzej; SZYMANSKA, Hanna

Jirgl's flocculation test in the differential diagnosis of jaundice.
Polski tygod. lek. 16 no.34:1313-1315 21 Ag '61.

1. Z II Kliniki Chorob Wewnętrznych P.A.M. w Szczecinie; kierownik:
prof. dr med. E. Gorzkowski.

(JAUNDICE diag) (LIVER FUNCTION TESTS)

LAPIS, Janusz; MANDAT, Alina; SZYMANSKA, Hanna

Determination of the cholinesterase activity in the blood serum with "Acholest", a test paper. Polski tygod. lek. 16 no.48:1848-1849 27 N '61.

1. Z II Kliniki Chorob Wewnętrznych P.A.M. w Szczecinie; kierownik:
prof. dr med. Edward Gorzkowski.
(CHOLINESTERASE blood)

LAPIS, Janusz; MANDAT, Alina; RYCHLIK, Henryka; SZYMANSKA, Hanna

On the activity of certain enzymes in parenchymatous hepatitis.
Polskie arch. med. wewn. 31 no.3:337-347 '61.

1. Z II Kliniki Chorob Wewnętrznych P.A.M. w Szczecinie Kierownik:
prof. dr med. E. Gorzkowski i z Kliniki Chorob Zakaźnych P.A.M. w
Szczecinie Kierownik: doc. dr med. M. Eisner.

(HEPATITIS INFECTIOUS metab) (ENZYMES metab)

GORZKOWSKI, Edward; NIECZAJEW, Andrzej; SZYMANSKA, Hanna

On the problem of the treatment of liver cirrhosis with prednisone.
Pol. tyg. lek. 17 no.30:1185-1187 23 J1 '62.

1. Z II Kliniki Chorob Wewnętrznych P.A.M.; kierownik: prof. dr med.
Edward Gorzkowski. Pol. tyg. lek. 17 no.30:1185-1187 23 J1 '62.
(LIVER CIRRHOSIS) (PREDNISONE)

LAPIS, Janusz; MANDAT, Alina; SZYMANSKA, Hanna; przy wspoludziale laborantki
WOJCIK, Barbary

On the activity of some serum enzymes in liver cirrhosis. Pol. arch.
med. wewnet. 32 no.2:193-199 '62.

1. Z II Kliniki Chorob Wewnetrznych PAM w Szczecinie Kierownik: prof.
dr med. E. Gorzkowski.

(LIVER CIRRHOSIS blood) (ENZYMES blood)

GORZKOWSKI, Edward; FIEDOROWICZ, Irena; SZYMANSKA, Hanna; SLIWINSKA, Halina;
przy wspoludziale laborantki MATUSZEWSKIEJ, Marii

Studies on the protein metabolism in liver cirrhosis. Pol. arch.
med. wewn. 32 no.10:1233-1242 '62.

1. Z II Kliniki Chorob Wewnetrznych PAM w Szczecinie Kierownik: prof.
dr med. E. Gorzkowski i z Centralnego Laboratorium PSK Nr 1 w Szczecinie
Kierownik: lek. med. H. Sliwinska.
(LIVER CIRRHOSIS) (BLOOD PROTEINS)

LAPIS, Janusz; MANDAT, Alina; SZYMANSKA, Hanna; z wspoludzialem laborantki
MATUSZEWSKIEJ, Lidii

On the activity of certain serum enzymes in obstructive jaundice. Pol.
arch. med. wewn. 33 no.1:25-32 '63.

1. Z III Kliniki Chorob Wewnetrznych AM w Szczecinie Kierownik: prof.
dr med. E. Gorzkowski.

(ALANINE AMINOTRANSFERASE)	(ASPARTATE AMINOTRANSFERASE)
(BLOOD ALKALINE PHOSPHATASE)	(ALDOLASE) (CHOLINESTERASE)
(JAUNDICE, OBSTRUCTIVE)	(CHOLELITHIASIS)
(BILE DUCT NEOPLASMS)	(BLOOD CHEMICAL ANALYSIS)

SZYMANSKA, Hanna ; TUSTANOWSKA, Aleksandra

Attempted evaluation of the effect of prednisone on the activity of some enzymes and proteins in the blood serum. Pol. arch. med. wewnet. 34 no.3:307-315 '64.

1. Z II Kliniki Chorob Wewnętrznych PAM w Szczecinie (kierownik: prof.dr.med. E.Gorzkowski) i Zakładu Anatomii Patologicznej PAM w Szczecinie (kierownik: prof.dr.med. K.Stojalowski).

*

GORZKOWSKI, Edward; SZYMANSKA, Hanna; PAWLUK, Irena

Proteins in exudates, transudates and blood serum. New tests for the differentiation of transudates from exudates. Pol. arch. med. wewnet. 34 no.7:857-865 '64.

1. Z II Kliniki Chorob Wewn. Pomorskiej Akademii Medycznej w Szczecinie (Kierownik: prof. dr. med. E. Gorzkowski).

SZYMANSKA, Hanna; MARLICZ, Krzysztof

Determination of serum beta-lipoproteins using the Burstein-Prawerman method. A new test for the differentiation of jaundice. Pol. tyg. lek. 19 no.4:127-131 27 Ja '64.

1. Z II Kliniki Chorob Wewnętrznych Pomorskiej Akademii Medycznej w Szczecinie (kierownik: prof. dr med. Edward Gorzkowski).

EXCERPTA MEDICA Sec. 17 Vol. 3/3 Public Health Mar. 57

778. KOZAR Z. and SZYMANSKA H. Inst. Med. Morskiej i Trop., Gdańsk.

*Przyczynek do częstości występowania pasożytów jelitowych u dzieci wiejskich w woj. Gdańskim. A contribution concerning intestinal parasitism in peasant children in Gdansk district ACTA PARASIT. POL. 1955-56, 3/6-12 (269-278) Tables 2

In 1063 children 7-15 yr. old, pinworms (*Enterobius vermicularis*) were most frequent: 68.39%, the curve of their occurrence depending on age and being highest (75.33%) in the group of 11 yr. Considerably less frequent were *Trichuris trichiura* (10.29%) and *Ascaris lumbricoides* (1.43%). The distribution of the parasites varies considerably from village to village. 29 children of 5-6 and 121 children of 7-14 yr., coming from another region, have been examined much more thoroughly.

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several methods being employed and protozoa taken into account. Contrary to expectations lower percentages of the invasion by parasites have been found in peasant children of some places than in town children.

KOZAR, Zbigniew; SZYMANSKA, Helena

Epidemiological investigations on intestinal parasites at a psychiatric hospital. Bull. Inst. Marine Trop. M. Gdansk 7: 169-180 1956.

1. Z Panst. Inst. Med. Mors. i Trop. w Gdansku.
(HELMINTH INFECTIONS, epidemiology,
survey in psychiat. hosp. (Pol))

KOZAR, Zbigniew; SZYMANSKA, Helena

Frequency of intestinal parasites in children in the Gdansk region.
Bull. Inst. Marine Trop. M. Gdansk 7:179-186 1956.

1. Z Panst. Inst. Med. Mors. Trop. w Gdansku.
(HELMINTH INFECTIONS, epidemiology,
in Poland (Pol))

SZYMANSKA, I.; LUCZAK, J.

Adaptation of surface waters to traction purposes of the Polish State Railroads.
p. 426. (PRZEGLAD KOLEJOWY, Vol. 5, No. 11, Nov. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec.
1954, Uncl.

SIELUZYCKI, J.; SZYMANSKA, I.

Experiment in completing the selection criteria of chemical substances for extinguishing multiphase foam. Przem chem 43 no. 2: 109 F '64.

1. Centralne Laboratorium Kopalnych Surowcow Chemicznych, Warszawa.

P/518/62/011/001/008/008
D207/D308

AUTHOR: Szymańska, Jadwiga

TITLE: Effect of imperfections on the temperature hysteresis of BaTiO_3

SOURCE: Poznańskie Towarzystwo Przyjaciół Nauk. Komisja Matematyczno-Przyrodnicza. Prace. v. 11, no. 1, 1961. Fizyka dielektryków. no. 1, 197 - 200

TEXT: This paper was presented on October 19, 1961, at a meeting of the Komisja Matematyczno-Przyrodnicza PTPN (Mathematical and Scientific Committee, PTPN). Ceramic disks of BaTiO_3 , pure and containing 1-8 % MgSnO_3 , were prepared by triple firing (1200 - 1320°C) and their capacitance was measured at 1 Mc/s by the resonance method. The temperature dependence of the permittivity $\epsilon = \epsilon(T)$ in the range from -30 to +180°C was deduced from the capacitance. Next the author calculated the temperature hysteresis parameters, i.e. the differences between the peak permittivities ($\Delta\epsilon = \epsilon_r - \epsilon_a$)

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Effect of imperfections on the ...

P/518/62/011/001/008/008
D207/D308

and the Curie points ($\Delta T = T_a - T_r$) in aged (denoted by 'a') and regenerated ('r') states. BaTiO_3 was aged by not subjecting it to high temperatures, alternating electric fields, pressure, etc. for several months; it was regenerated by heating above the Curie point. For pure BaTiO_3 and $\text{BaTiO}_3 + 1\% \text{MgSnO}_3$ $\Delta \epsilon$ and ΔT were independent of the ageing period but the presence of more than 1 % MgSnO_3 made $\Delta \epsilon$ and ΔT rise with the duration of ageing. This was due to Mg ions which enter the perovskite lattice and being small make it easier to deform the perovskite cells. The results indicate that impurities may lengthen the orientation relaxation time of the ferroelectric domains and thus stabilize the aged state. Acknowledgements are made to Professor Doctor A. Piekara, for his advice and direction of this work, and Lecturer Dr. Z. Pająk and Dr. T. Krajewski for discussing this work. There are 3 figures. ✓

Card 2/2

SZYMANSKA, Jadwiga

Influence of defects on the temperature hysteresis of
 BaTiO_3 . Prace matem przyrod Poznan 11. no.1:197-201
'62.

POLAND

KLECZENSKI, A., CIESLINSKA, A., and SZYMANSKA, J., Second Clinic of Internal Diseases (II Klinika Chorob Wewnętrznych), AM [Akademia Medyczna, Medical Academy] in Wrocław (Director: Prof. Dr. A. FALKIEWICZ)

"Comparative Polarographic and Electrophoretic Studies of Serum Protein Pattern."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 10, 4 Mar 63, pp 343-345.

Abstract: [Authors' English summary] Comparative polarographic (Brdicka test) and electrophoretic studies on the serum protein pattern were performed. A correlation between the height of the polarographic wave and the amount of alpha₂-globulins was observed. Of the 10 references, five are Polish, three German, and one each Czech and English.

1/1

BRATKOWSKA-SENIOW, Barbara; CHECINSKA, Zofia; SZYMANSKA, Janina

Immuno-electrophoretic picture of the blood serum in liver cirrhosis.
Polskie arch. med. wewn. 31 no.7:929-933 '61.

1. Z II Kliniki Chorob Wewnętrznych AM we Wrocławiu Kierownik: prof.
dr med. A. Falkiewicz.

(LIVER CIRRHOSIS blood) (BLOOD PROTEINS)

MAJCHERCZYK, J.; SZYMANSKA, J.

Studies on hypotensive effect of Veratrum album. Acta Poloniae pharm.
10 no.2:143-144 1953. (CLML 25:1)

1. Of the Institute of Experimental Pharmacology and of the First
Internal Clinic, Warsaw Medical Academy.

ROLSKI, S.; MAJCHERSZYK, J.; SZYMANSKA, J.; ZAKRZYWSKI, Z.

Preparation and pharmacodynamics of Veratrum album alkaloids.
Acta Poloniae pharm. 11 no.4:229-241 1954.

1. Z Zakladu Chemii Farmaceutycznej Akademii Medycznej w Warszawie.
Kierownik: doc. dr St. Rolski. 2. Z Zakladu Farmakologii Eksperymentalnej Akademii Medycznej w Warszawie. Kierownik: prof. dr. P. Kubikowski. 3. Z I. Kliniki Chorob Wewnetrznych Akademii Medycznej w Warszawie. Kierownik: prof. dr A. Biernacki.

(VERATRUM ALKALOIDS,
album, prep. & pharmacol.)

MAJCHERCZYK, J; SZYMANSKA, J.

Studies on spasmolytic properties of hydrochlorides; N-(1-naphthylmethyl)- β -phenylethylamine and N-(piperonyl)- β -phenylethylamine. Acta Poloniae pharm. 12 no.2:97-104 1955

1. Z Zakladu Farmakologii Eksperymentalnej A.M.w Warszawie. Kierownik: prof. dr P.Kubikowski.

(PHENYLETHYLAMINES, effects,

N-(1-naphthylmethyl)-phenethylamine & N-piperonylphenethylamine, spasmolytic)

(MUSCLE RELAXANTS,

N-(1-naphthylmethyl)-phenethylamine & N-piperonylphenethylamine)

SZYMIANSKA, JEANNE

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... .. 2-phenethylamine-HCl (III), m. 188-

... .. with

... .. but poorly in cold,
... .. IV with H and 5% Pd-C.

of the solvent was in a 50 ml. round-bottom flask. HCHO at 100° and later in a sealed tube at 120-60° for 6 hrs., adding 10% NaOH, estg. with Et₂O, drying the Et₂O with Na₂SO₄, and adding HCl in EtOH gives

SUCHY, E; SZYMANSKA, J; SAPINSKI, W; SROCZYNSKA, J.

Diphtheria carriers in nursery infants. Pediat.polska 30 no.4:
374-376 Apr '55.

1. Z Kliniki Propedeutyki Pediatrii A.M. w Warszawie, Kierownik:
prof. dr med. W. Szenajch. Z Kliniki Chorob Zakaznych Wieku Dzie-
ciecego A.M. w Warszawie Kierownik: prof. dr med. J. Bogdanowicz.
i ze Stacji Sanitarno-Epidemiologicznej w W-wie Kierownik: dr med.
J. Jakobkiewicz. Warszawa, Dzialdowska 1/3.

(DIPHTHERIA, transmission
carriers in nursery inf.)

SZYMANSKA, J.

and the date of

112

SZYMANSKA, J.

Preliminary pharmacological investigations on new derivatives
of quinazoline. Acta Pol. pharm. 22 no.1:87-88 '65.

KUBIKOWSKI, Piotr, prof. dr.; MAJCHERGZYK, Janina; SZYMANSKA, Janina

New derivatives of hydrazinophthalazine with hypotensive activity. Acta physiol. Pol. 16 no.2:289-296 Mr-Ap'65.

1. Zaklad Farmakologii Eksperymentalnej Akademii Medycznej w Warszawie (Kierownik: prof. dr. P. Kubikowski).

KOSTOWSKI, Wojciech; MAJCHERCZYK, Janina; SZYMANSKA, Janina

Studies on the action of new derivatives of bis-pyridylomethylamines on the cardiovascular system. I. Acta physiol. Pol. 16 no.2:297-302
Mr-Ap'65.

1. Zakład Farmakologii Eksperymentalnej Akademii Medycznej w Warszawie. (Kierownik: prof. dr. P. Kubikowski).

WIDY-WIRSKI, Feliks; SZYMANSKA, Krystyna

Colpomicroscopy as method of early detection of cancer of the
uterine cervix in the light of comparative investigations. Gin.
polska 28 no.1:109-118 Jan-Feb 57.

1. Z II Kliniki Poloznictwa i Chorob Kobietych A.M. w Warszawie
Kierownik: prof. dr. I. Roszkowski. II Klinika Poloznicza i Chorob
Kobietych A.M., Warszawa, Karowa 2.

(CERVIX NEOPLASMS, diag.

colpomicroscopy as method of early detection (Pol))

WIDY-WIRSKI, Feliks; SZYMANSKA, Krystyna

A simple method for early diagnosis of precancerous and cancerous conditions of the uterine cervix. Postery hig.med.dosw. 13
no.4:487-496 J1-Ag '59.
(CERVIX UTERI neopl)

SCYFANKA, Mirosława

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(2)

✓ Determination of alkaloids of tropeinic plants. Mirosława Szymańska (Med. acad., Łódź, Poland). *Farm. Polska* 9: 249-51(1953).—The influence of soil, fertilizer, climate, and genetic changes induced by deliberate variation in cultivation conditions on the alkaloid content after harvesting under specified conditions was detd. in *Atropa belladonna*, *Hyoscyamus niger*, *Datura metel*, *D. tatula*, and *Scopolia lurida*. The Polish Pharmacopeia II method is compared with the method of Kuc (C.A. 46, 11580b) proposed for the Polish Pharm. III. The Kuc method falls within the normal limits adopted by Polish Pharm. II for folia and herba *Hyoscyami* and agrees closely with the Swiss Pharmacopeia, but the results differ considerably from results obtained with the Polish Pharm. II method. For other raw materials, the Kuc method gave 5-15% lower results than by the Polish Pharm. II method, perhaps caused by loss in alkaloids in repeated manipulations. Detn. of alkaloids in folia *metel* by the Kuc method was not possible. Clayton F. Holoway

SZYMANSKA, MIROSLAWA

187.92 (1956) (English summary).—*S. lurida* thrives very well on fertile, not-too-dry soil and withstands moderately

cold winters without protective covering. When raised in

SKALMOWSKI, Tadeuz; SZYMANSKA, Urszula

On the problem of water metabolism in infectious hepatitis and jaundice in children. Pediat. pol. 36 no.6:597-603 '61.

1. Z Oddzialu Zakaznego Woj. Szpit. Dziec. im. B.Krysiewicza w Poznaniu Dyrektor: dr med. M.Stabrowski Ordynator: dr med. T.Skalmowski.
(DIURESIS) (HEPATITIS INFECTIOUS in inf & child)

SZYMANSKA, Urszula; ZGORZALEWICZ, Bozena

Tuberculin tests in infectious hepatitis in children. Pediat pol
36 no.9:927-932 S '61.

1. Z Oddzialu Zakaznego Wojewodzkiego Szpitala Dzieciecego w Poznaniu
Dyrektor Szpitala: dr med. M. Stabrowski.
(HEPATITIS INFECTIOUS)
(TUBERCULIN REACTION in inf & child)

S/194/62/000/002/043/096
D201/D301

54,7600

AUTHORS: Ginter, J. and Szymańska, W.

TITLE: Measuring thermal e.m.f. in InSb

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 2, 1962, abstract 2-4-5b (Bull. Acad. polon. sci.,
Sér. sci. math., astron. et phys., 1961, 9, no. 5,
419-421)

TEXT: The results are given of measuring thermal e.m.f. of five InSb samples with various impurity concentrations in the temperature range 100 - 400°K. The following technological method was used in measurements: The temperature difference between the two ends of the analyzed sample was measured with thermocouples, fixed directly at the sample by electrolytically deposited copper layer. The impurity concentrations were determined by measuring the Hall coefficient at the temperature of liquid nitrogen. [Abstracter's note: Complete translation.] ✓ B

Card 1/1

L 31539-66

ACC NR: AP6010792

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and for $x = 0.15$, $E_g = 0.06$ eV. The photomagnetic effect was investigated at room temperature. High sensitivity to infrared radiation was established. The material with $x = 0.10$ is sensitive to radiation from the visible range to wavelength of 10 microns. It was also established that the photomagnetic effect for $x = 0.10$ depends on the frequency of incident radiation. This dependence is caused by the appearance of a thermal component (Nernst effect). The experimental results are presented in the form of curves and compared with published data. The results are discussed in detail in the light of existing literature. The authors thank Prof. L. Sosnowski for his interest in this work and discussions. The authors also thank Docent Dr. W. Wardzynski, J. Ginter, Dr. J. Mycielski, and Dr. J. Rauluszkiewicz for valuable comments they made in the course of this investigation. Orig. art. has: 7 figures.

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 006 / SOV REF: 002

Card 2/2 LC

DVORZACZKOVA, Ivana; SZYMANSKA-BAJERSKA, Danuta

2 cases of Hamman-Rich syndrome. Gruzlica 29 no.9:805-813 S '61.

1. Z Zakladu Anatomii Patologicznej Wydzialu Lekarskiego Uniwersytetu Karola w Hradcu Krolowej Kierownik: prof. Sc. Dr MUDR A. Fingerland.

(PULMONARY FIBROSIS case reports)

KONIAR, Halina; SZYMANSKA-MALOTKE, Renata

Sensitivity to erythromycin of Staphylococcus aureus from various origins. *Mad.dosw.mikrob.* 12 no.2:119-124 '60.

1. Z Zakladu Mikrobiologii A.M. w Gdansk. Kierownik: prof.dr.
S. Krynski.

(STAPHYLOCOCCUS pharmacol.)

(ERYTHROMYCIN pharmacol.)

MAJCHERCZYK, Janina; SZYMANSKA-JACHIMCZAK, Eugenia

Comparative evaluation of the effect of tetracycline on tooth and bone discoloration in young animals. Ped. Pol. 40 no.4: 355-362 Ap'65.

1. Z Zakładu Farmakologii Eksperymentalnej Akademii Medycznej w Warszawie (Kierownik: prof. dr. P. Kubikowski) i z Polikliniki Stomatologii Dziecięcej przy Klinice Stomatologii Zachowawczej Akademii Medycznej w Warszawie (Kierownik: prof. dr. J. Krzywicki).

SZYMANSKA-JACHIMCZAK, Eugenia Irena

Discoloration of teeth in children treated with tetracyclines.
Czas. stomat. 18 no.12:1367-1372 D ' 65.

1. Z Polikliniki Stomatologii Dziecięcej przy Klinice Zachowawczej AM w Warszawie (Kierownik: prof. dr. J. Krzywicki).

SZYMANSKA-JACHIMCZAK, Eugenia Irena

Natal and neonatal teeth--incidence and localization. Czas.
stomat. 18 no.11:1299-1303 N ' 65.

1. Z Polikliniki Stomatologii Dziecięcej przy Klinice Sto-
matologii Zachowawczej AM w Warszawie (Kierownik: prof. dr.
J. Krzywicki).

SZYMANSKA-JACHIMCZAK, Eugenia

Possible hyperpigmentation of hard tissues following tetracycline therapy. Pol. tyg. lek. 19 no.2:69-71 Ja '64.

1. Z Polikliniki Stomatologii Dziecięcej Akademii Medycznej w Warszawie (kierownik: prof. dr J. Krzywicki).

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(STAPHYLOCOCCAL INFECTIONS transm) (SURGERY OPERATIVE compl)
(HOSPITALS)

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TITLE: Dependence of organic dielectric direct current conductivity upon operating conditions and external factors

SOURCE: Przegląd elektroniki, no. 4, 1964, 190-198

TOPIC TAGS: semiconductor, solid state physics, dielectric, organic dielectric, current conductivity, direct current conductivity, polystyrene, saran, thermoplastic resin, vinyl chloride, vinylidene chloride

ABSTRACT: The results of an analysis of direct current conductivity in high-molecular organic dielectrics are discussed. These dielectrics are polystyrene and saran (vinyl chloride and vinylidene chloride copolymer). The polystyrene structure was polar; the saran structure was non-polar. Authors found that polarization occurs in both types of polymers. This polarization causes a change in the current intensity flowing through the dielectric as a function of time. The polarization processes occur at a faster rate in the polar saran than in the non-polar polystyrene, i.e. a quasi-stationary current is obtained after the passage of a smaller time interval in the case of saran. The depolarization currents, observed for both types of

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